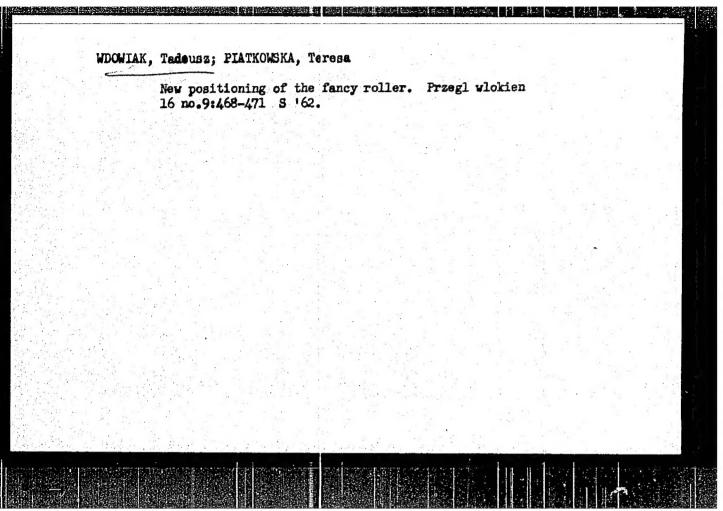
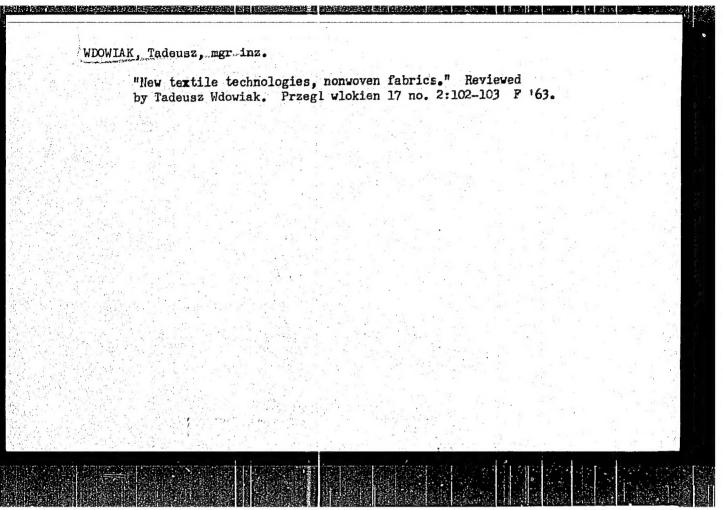


Optimal conditions of heating bales of greasy wool. Biuletyn Wlok. p.9.

(PRZEMYSL WLOKIENNICZY. Vol. 11, No. 5, May 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.





KAMIENSKA, Karolina; WDOWIAK, Wanda; KRAJEWSKI, Stanislav

A case of Blcck-Sulzberger syndrome. Pediat pol 36 no.10:1079-1086
0 '61.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych AM w Gdansku Kierownik:
doc. dr med. W Gremadzki i z Oddzialu Dernatologii Szpitala Wojewodzkiego
im. M. Kopernika w Gdansku Ordynator: dr med. S.Krajewski.

(PIGMENTATION DISONDERS in inf & child)

KAMIENSKA, Karolina; WDOWIAK, Wanda

Acute toxic methemoglobinemia in newborn infants. Ginek. pol. 33 no.5;
617-622 '62.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych AM w Gdansku, Kierownik:
doc. dr med. W. Gromadzki.
(METHEMOGLOBINEMIA) (INFANT NEWBORN DISEASES)

HEJKA, Zuzanna; JANIKOWSKI, Tedeusz; KRYWKO, Alina; TYLICKA, Teresa; WDOWIAK, Wanda; WOZNICZKO, Jerzy.

Incidence of neurologic symptoms in the newborns in relation to causative factors. (linek. Pol. 36 no. 12:1379-1386 D • 65

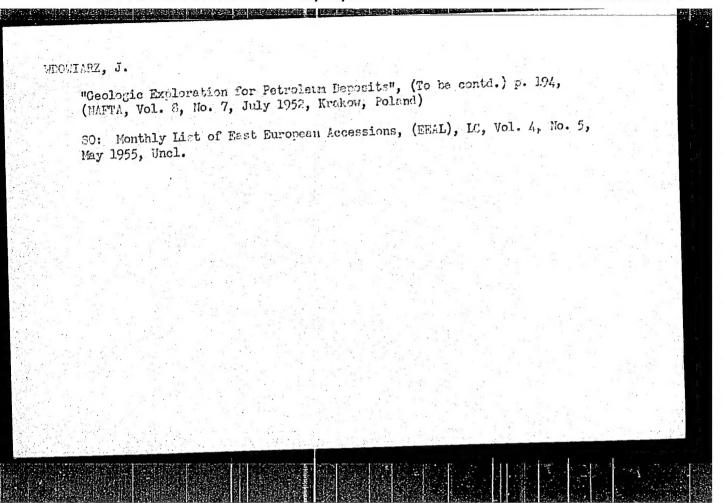
1. Z Kliniki Neurologicznej AM w Gdansku (Kierownik: prof. dr. med. Z. Majewska); z I Kliniki Poloznictwa i Chorob Kobiecych AM w Gdansku (Kierownik: prof. dr. med. S. Metler) i z II Kliniki Poloznictwa i Chorob Kobiecych AM w Gdansku (Kierownik: prof. dr. med. W. Gromadzki).

WEOWIAMZ, J.

"Geologic Exploration for Petroleum Deposits", (To be contd.) p. 163, (MATTA, Vol. 3, No. 6, June 1952, Krokow, Polard)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961510014-3"



Wdowiarz, s.

Crude oil and natural gas in relation to the geology of the Carpathian Mountains; a summary of a report.

P. 456 (Frasglad Geologiczny, Vol. 4, no. 10, Oct. 1956, Warnzawa, Poland)

Monthly Index of East European Accessions (EFAI) LC. Vol. 7,no. 2, February 1958

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WDOWIARZ, S.

Problems of oil in northern and central Poland. p. 541. (PRZEGLAD GEOLOGICZNY. Vol. 4, no. 12, Dec. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.
Uncl.

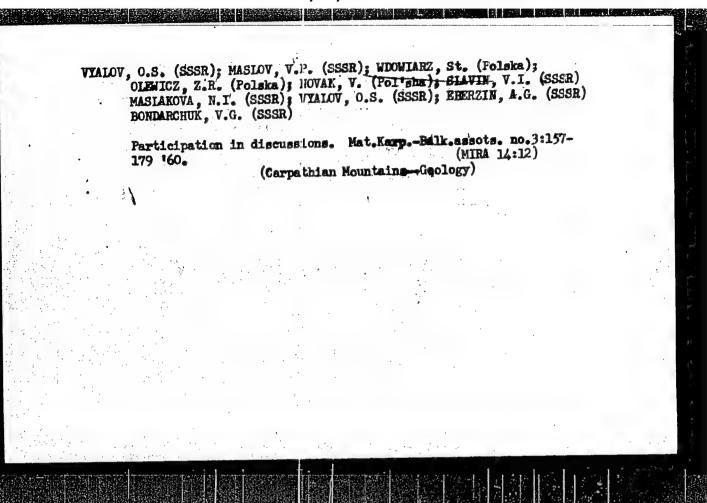
Jaslo shales in the eastern Carpathian Mountains of Rumania.

Kwartalnik geol 3 no.3:563-568 *59. (EEAI 9:7)

1. Karpacka Stacja Terenowa Instytut Geologicznego (Carpathian Mountains) (Rum-Shale)

BOGDANOV, A.A. (SSSR); SLAVIN, V.I. (SSSR); KSIAZKIEWICZ, M. (Pologne); VARENTSOV, M.I. (SSSR); VDOWIARZ, St. (Polska); PASHCHENKO, Ya.Ye. (SSSR); MISHUNINA, Z.A. (SSSR); ZIELINSKI, J. (Polen)

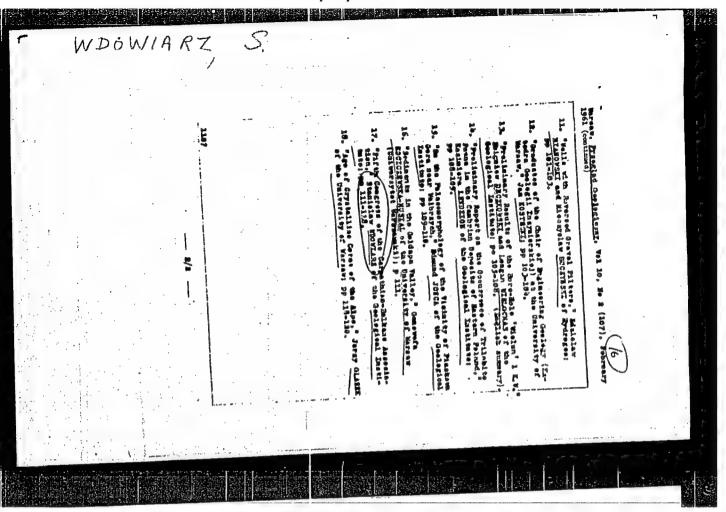
Participation in discussions. Mat.Karp.-Balk.assots.no.1:190-207 160. (MIRA 14:12)



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WDOWIAKZ, Stanislaw Oil and natural gas deposits on the territory of the Carpathian Mountains and perspectives for prospecting on that territory. Przegl geol 8 no.10:518 0 '60. (KEAI 10:9) 1. Akademia Gorniczo-Hetnicza. (Poland-Petrolaum) (Poland-Gas, Natural)

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MDOWIARZ, Stanislaw

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10 no. 2:111-118 F 162.

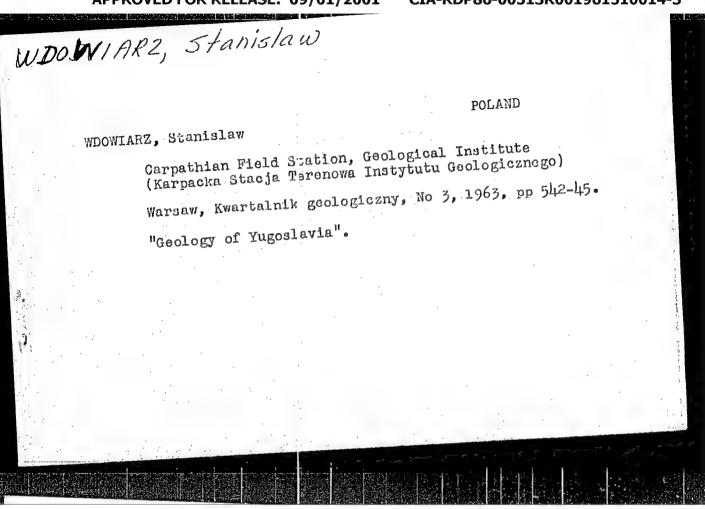
1. Instytut Geologiczny, Warszawa.

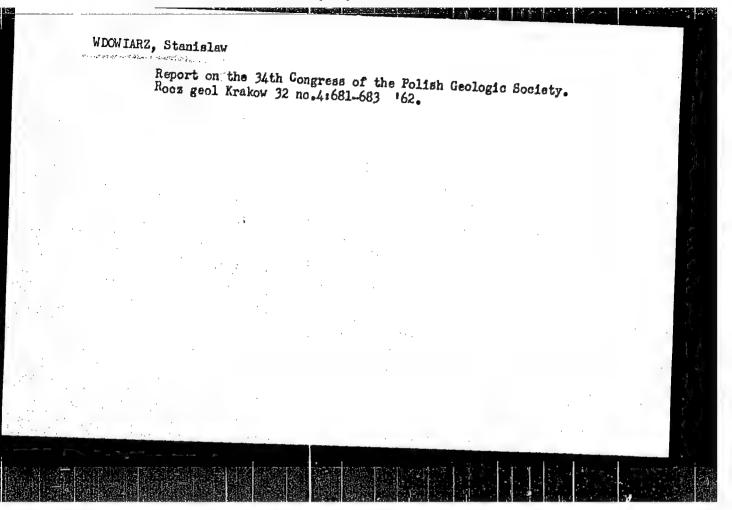
WDOWIARZ, Stanislaw

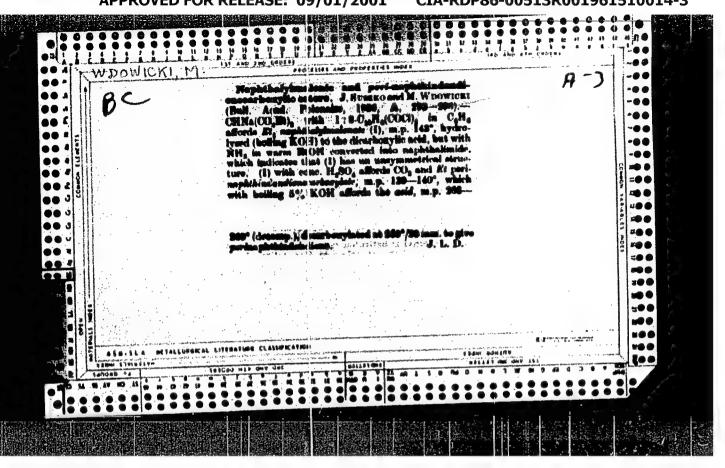
Geological structure of the Flysch zone of the Eastern Carpathian Mountains and its relationship to the Polish Carpathians.

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1. Karpacka Stacja Temenowa, Instytut Geologiczny, Warszawa.







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WDOWINSKI, ZDZISLAW.

Amidst forests and lakes. (Translator: Maria Paczynska, photos: Zdzislaw Wdowinski) Warnzawa, "Sport i Turystyka", 1955.

166 p. (In English. Tr. from the Polish. illus.) SCIENCE

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS (EFAL), LC, Vol. 5, no. 2 Feb. 1956

PAVLICEK, Z.; WDOWKA, K.

Traumatic hemobilia, Rozhl, chir. 41 nc.2:135-138 F '62.

1. Chirurgicke oddeleni OUNZ v Prostejove, prednosta MUDr. Mil. Hel.

(BILIARY TRACT wds & inj) (BILE)

HUNGARY

FAZEKAS, Arpad, G., WEBB. James, I., SYMINGTON, Thomas; Medical University of Szeged, Institute of Biochemistry (Szegedi Orvostudomanyi Egyetem, Biokemiai Intezet), and Pathological Institute of the University, Steroid Research Laboratory, Royal Infirmary, Glasgow.

"In Vitro Study of the Biosynthesis of Corticosteroids in Conn Adenoma Tissue by Using Labelled Precursors."

Budapest, Kiserletes Orvostudomany, Vol XVIII, No 5, Oct 66, pages 480-487.

Abstract: [Authors' Hungarian summary] The biosynthesis of aldosterone and other corticosteroids was studied in vitro by the incubation with labelled steroid precursors of an adrenocortical-adenoma tissue which was the cause of Conn's syndrome in the patient. The steroids produced were identified by radiochemical methods after their isolation by means of paper chromatography. According to the results, a large amount of aldosterone was produced in the adenoma tissue from corticosterone via an 18-OH-corticosterone intermediary. The tritium-labelled ll-dehydrocorticosterone was converted into aldosterone, indicating the role of this steroid as a precursor. Finally, the ratio of corticosterone-cortisol synthesis was shifted in favor of the corticosterone, properties with respect to their biosynthetic capacity since they can synthesize cortisol as well as aldosterone. 1 Hungarian, 24 Western references.

- 6 -

SVORAD, D., WEBB, W.B., SMIRST.
Pathological Physiology, Slovak Academy of School Pathological Physiology, Slovak Academy of School Pathological Physiologic SAV), Bratislava.

APPROVED FOR RELEASE: 09/01/2901ictuCIA RDP86-00513R001961510014-3
"Differences in the Employee Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 133-134

Abstract: 16 healthy mer., 21 to 31 years old, and 8 rats were investigated with EEG for 3 successive nights. In man, the investigated with stages of sleep is permanent, in rat it length of individual stages of sleep and their distributions. The sequence of the stages of sleep and their distribution in certain time intervals are very similar in man and ratution in certain time intervals are very similar in the "Lith Czecho-liferences." Submitted at the "Lith Czecho-liferences." at Brno, 11 Oct 65.

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HAIMAGYI, D.,; FRIKAI, B.,; SOVEHYI, E.,; WEBER, A.,; CZIPOTT, Z.,;
KOVACS, G.,; STEIMER, B.

Pulmonary circulation in ensential pulmonary hemosiderosis. Magy.
belorv. arch. 8 no.6:188-191 Dec. 55

1. A szegedi Orvostudomanyi Egyetem I. Belklinikaja (igaz: Hetenyi
Geza dr. akademikus) Szivbstegosztalyanak kozl.

(HEMOCHHOMATOSIS
hemosiderosis, essential pulm., pulm. circ. in,
relation to hypertension (flum))

(BLOOD CIRCULATION
pulm., in essential pulm. hemosiderosis (Hun))

(HYPERTENSION
pulm., relation to essential pulm. Hemosiderosis (Hun))
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MIHAI, N., dr.; WEBER, Agathe, asist.

Research on acute and chronic carbon monoxide poisoning. Changes in arterial pressure. Med. intern. (Bucur) 16 no.9:1113-1119 S '64.

1. Lucrare efectuata in Policinias combinatelui in Centrul de medicina a muncii, Numedoare.

WEDER, Apollonia, dr.; BARTOK, Istvan, dr.

A case of essential pulmonary hemosiderosis in adult. Orv. hetil. 98 no.16:413-418 21 Apr 57.

1. A Szegedi Orvostudomanyi Egyatem I. sz. Belklinikajanak (igasgato: Hetenyi, Gera, dr. agyat. tanar) as Korbonctani es Korssovettani Intesetenek (igasgato: Korpassy, Bela, dr. egyet. tanar) kozlemenye.

(HEMOSIDEROSIS, case reports pulm., essential (Hun))

(LUNG DISEASES, case reports hamosiderosis, essential (Hun))

9 (9)

PHASE I BOOK EXPLOITATION

Czech/1562

Weber, Antonin

Velmi kratké vlny (Microwaves) Prague, SNTL, 1957. 335 p. (Series: Mala elektrotechnická knihovna, sv. 10) 5,250 copies printed.

Reviewer: Vaclav Tysl, Engineer; Ed.: Jan Nohejl, Doctor, Engineer; Tech. Ed.: Marie Králová; Managing Ed. for Literature on Electrical Engineering: František Kaspar, Engineer, Doctor.

PURPOSE: The book is intended for readers with a secondary technical education.

COVERAGE: The author discusses the propagation of electromagnetic waves and describes antennas, waveguids, and microwave oscillators and amplifiers. He also discusses microwave spectroscopy and accelerators of elementary particles and explains the application of microwave techniques in medicine and astronomy. The author thanks Doctor Kaspar for reviewing the text. There are 25 references of which 14 are Czech (including 5 translations), 4 English, 4 German and 3 Soviet.

Card 1/5

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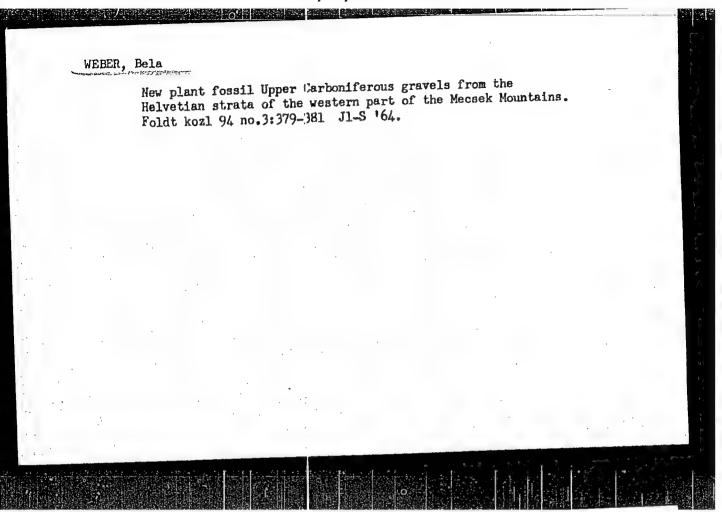
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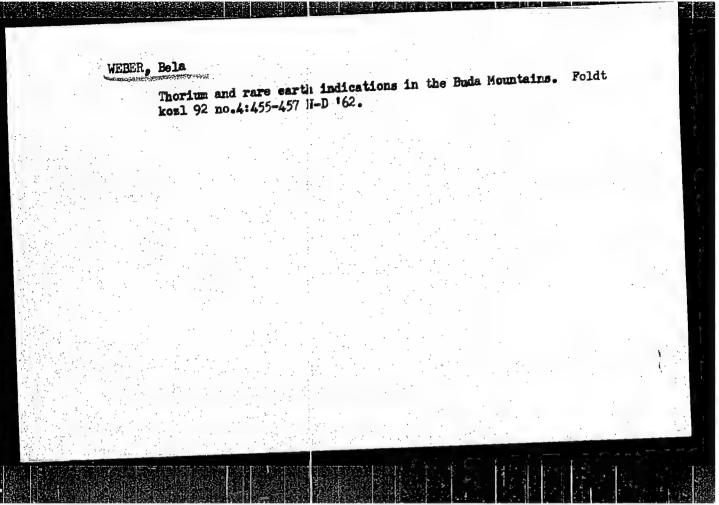
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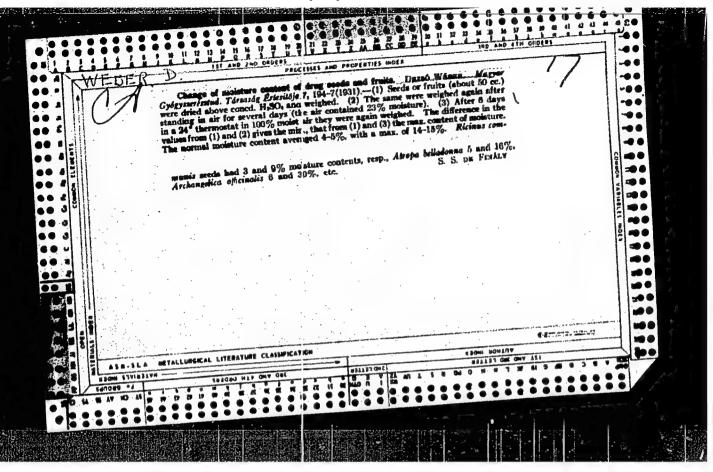
HERDA, M., inz. CSc.; CESAK, K., inz.; WEBER, B., inz.; VYHMANEK, V., inz.; KUNICKY, L., inz.; SIMEK, J., inz.; PROSTREDNIK, K., inz.

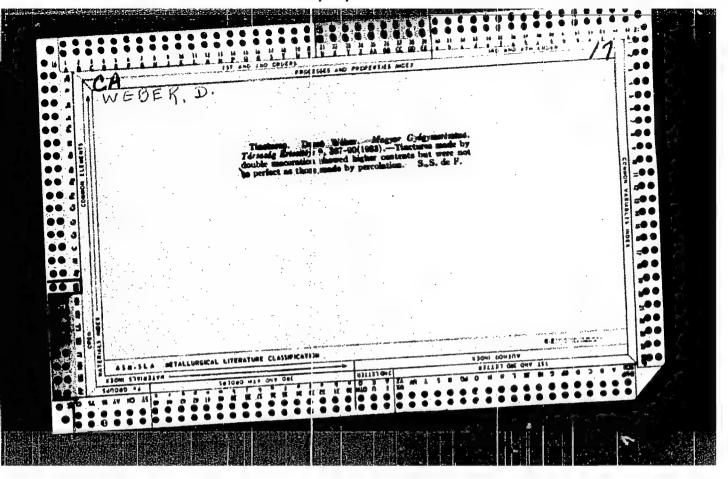
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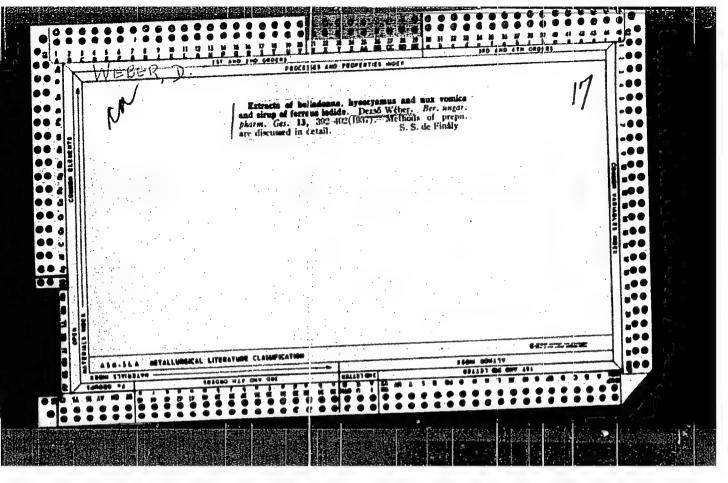
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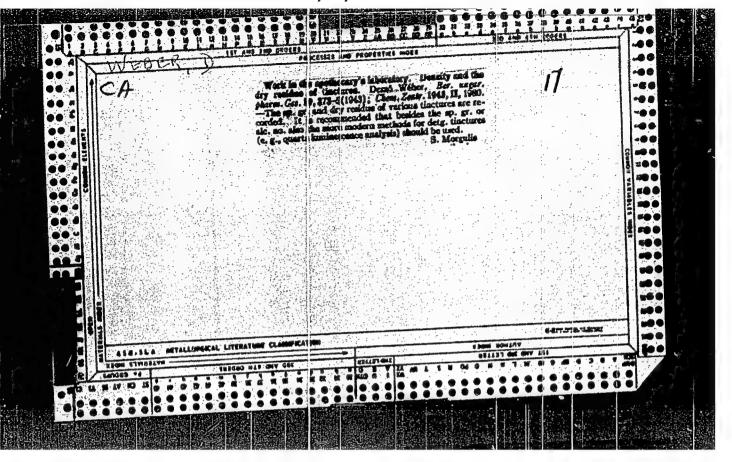








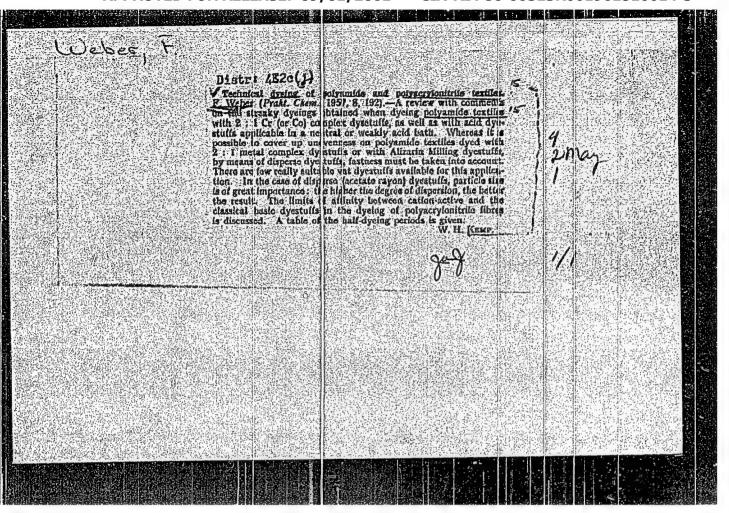
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NAJMAN, Emil, Dr.; WEBER, Danica, Dr.

Amebiasis and lambliasis in children. Lijec vjes 82 no.9/10:725-734 60.

1. Iz Djecjeg odjela Opce bolnice "Dra M.Stojanovica" u Zagrebu (AMEBIASIS in inf & child) (GIRADIASIS in inf & child)



SCHMUTZER, E.; WEBER, G.

On the nonrelativistic second approximation of the Dirac theory of electron. Godishnik fiz mat 55 no.2:105-115 *60/*61 [publ. *62].

WEBER, G. 1949

(A Budapesti Egyetemi Korelettani Intezetebol)

"Lipolytic Power of the Serum in Laboratory Animals. Graphic Representation of the Monomolecular Velocity Constant of Lipase."

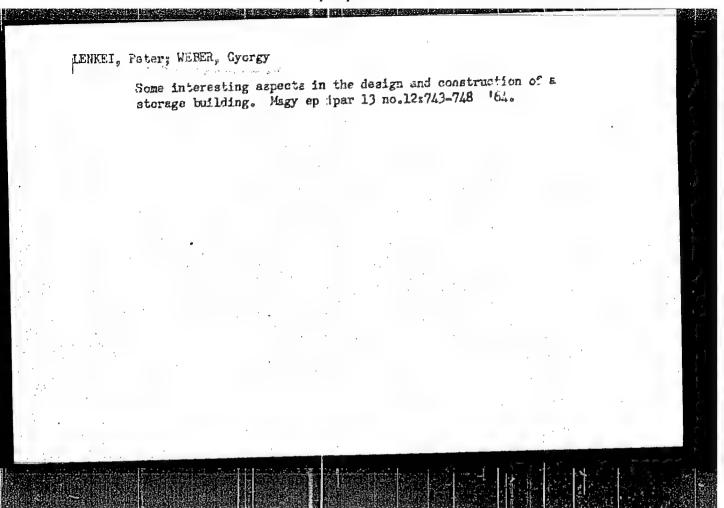
Orvosi Hetilap, 1949, 90/16(495-500) Abst: Exc. Med. 11, Vol. 111, No. 4, p. 453

weber G. and Drechsler K. A Budapesti Egyetemi Korelettani Intezetebol. A laboratoriumi allatok lipolytikus kepessegerol. A lipase monomolekularis sebessegi allandojanak grafikus meghatarozasa, Lipolytic power of the serum in laboratory animals. Graphic representation of the monomolecular velocity constant of lipase, Orvosi Hetilap, Budapest 1949, 90/16 (495-500) Graphs 4 Tables 1

The resistance of laboratory animals against tubercle bacilli does not run parallel to the level of serum lipase. The white rat, which is very resistant to tubercle bacilli, shows the lowest level of serum lipase, whereas the rabbit, which is very sensitive to the bovine type, and the guinea-pig, which is sensitive to the human type, have respectively two and three times as much serum lipase as the white rat. A rapid and easy graphic method of estimating the monomolecular velocity constant of lipase is given. The stalagmometric estimation of the lipase is reduced to 22 minutes (formerly many hours) and the very tedious procedure is simplified.

Olbrich - Edinburgh (II, 4, 6, 15)

So: Medical Microbiology and Hygiene, Section IV, Vol 3, No 1-6



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29456-66 IJP(c)-JT ACC NR: AP5028059 SOURCE CODE: GE/0030/65/012/001/0071/0080 AUTHOR: Egorov, W. D., Lomonosov University, Moscow (Lomonosov-Universitat Moskau; Muller, G.O.; Weber, H. B 95 35 A ORG: The Physical-Technical Institute, German Academy of Sciences, Berlin Division of Crystal Electronics (Physikalisch -Technisches Institut der Deutschen Akademie der Wissenschaften, Abteilung Kristallelektronik): Lomonosov University, Moscow (Lomonossov-Universitat) Egorov7 TITLE: Cathodoluminescence of CdS under the effect of strong cathode ray excitation Physica status solidi, v. 12, no.1, 1965, 71-80 SOURCE: TOPIC TAGS: crystal, crystal impurity, cathode ray, electron beam, current density, emission spectrum, ELECTRON ENERGY, CHTHODOCOMINESCENCE ABSTRACT: The purpose of the experiments described here was to verify the occurrence of certain effects on Frerichs-crystals with natural faces at electron energies under 10 keV. High purity was to be expected from the crystals grown by a modified Frerichs method through the reaction between Cd vapor and H2S, and low energy electron bombardment of constant beam current density gave high excitation density Card 1/2

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ACC :1'R. AP5028059

because the depth of penetration increases quite linearly with the electron energy. An attempt was made to repeat Basov's experiments to stimulate emission from CdS crystals at 90° K by cathode ray bombardment. No stimulated emission was observed. The intensity of blue emission increases with the electron energy and saturation of the green emission occurs in the 21. to 8.5ke V electron energy range, but at different energies for each crystal. The blue emission prevails at high excitation densities for all electron energies, but the structure of the green emission band remains essentially constant. The experimental results suggest a relation between the green emission and the surface properties of the crystals. "We thank the Ministry of University Affairs of the USSR (Ministerium fur Hochschulwesen der UdSSR) and the Ministry of National Education of the GDR (Ministerium fur Wolksbildung der DDR) for making it possible for one of us, through a six month: leave of absence, to participate in this study at PT (The Physical Technical Institute). Orig. art. has: 8 figures.

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COUNTRY

Czechoslovakia

H-35

CATAGORY

ABS. JOUR.

: RZKhim.. No.

1959, No. 88875

NOHTUA

: Weber, H.

IMST. TITLE

: Some Czechoslovak Synthetic Tanning Agents

from Dihvdric Phenols

: Kozarstvi, 1958, 8, No 8, 238-239 ORIG. PUB.

ASSTRACT : Description of the production of synthetic tanning agents from by-products obtained in processing of coal, primarily diphen and optol. Diphen or optol are a mixture of pyrocatechol, methyl-pyrocatechol and isomethyl pyrocatechol. The pyrocatechols are the basic raw material for the production of syntams. The tanning agent Kortan C1 obtained by processing of pyrocatechols has been tested with favorable results at the leather factories of Czechoslovakia and USSR, where it is known as Syntan No 4. In recent years there have been obtained syntans of the Kortan type with a minimal content of sulfo-groups and a maximum content of dihydric phenols. They produce greater tanning CARD: 1/2

95

COUNTRY : Czechoslovakia H-35

ABS. JOUR. : RZKhim., No. 1959, No. 88875

AUTHOR : INST. : TITLE :

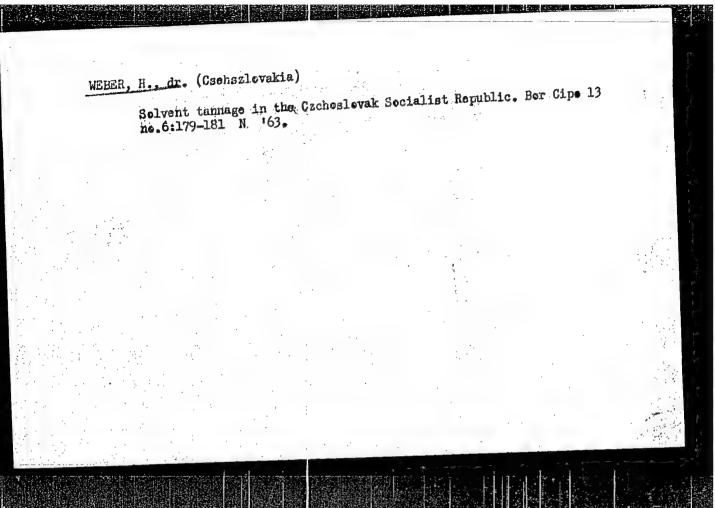
ORIG. PUB. :

ABSTRACT : and filling effect. Their price does not exceed the price of imported natural tanning agents. In making light-colored leather pyrosulfite is added to the liquid Kortan. It is possible further to improve the properties of syntans of this type. -- M. Lyuksemburg.

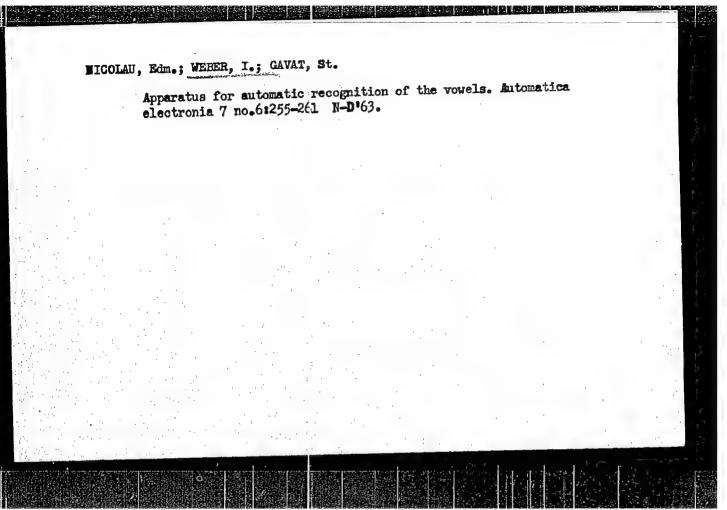
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e, electron beam, electric field , barrier layer, field influenced
oped CdS single crystals with meta fluence of weak d-c fields with el- code were studied in order to deter relationship between d-c field ef- con the irradiated surfaces. One sisted of indium and was always of the color of the color of the color offect have a short-circult current

L 29661-65 ACCESSION NR: AP5001296 during bombardment with electrons, a tile organis without a short-circuit current do not display any measurable fielder of at applied voltages of up to 30 v. Fieldenhanced luminescence and we dependent only on the polarity of the field are observed for the same crystal with the same cathode excitation. Field actors showing the magnitude and type of effect the electric field has on cathodoluminescence (determined as the ratio of intensity with field to intensity without field) in the 0.2 - 4 range for average fields below 10 v/cm are common. The relationships between the field factors and applied voltages differ with the spectral emission bands. An interpretation of the measurements is suggested by the qualitative-ly different behavior of the cryst is assuming a field-influenced recombination in the barrier layer. "The authors thank Dr. F. Eckart and Dr. E. Schnurer for their many valuable discussions, and Dr. L. Hildisch for preparing the crystals." Orig. art. has: 5 figures. ASSOCIATION: Institute of Technical Physics, German Academy of Sciences, Berlin, German Democratic Republic SUB CODE: 55, OP SUBMITTED: 00 ENCL: 006 OTHER: NO REF SOV: 000 Card 2/2



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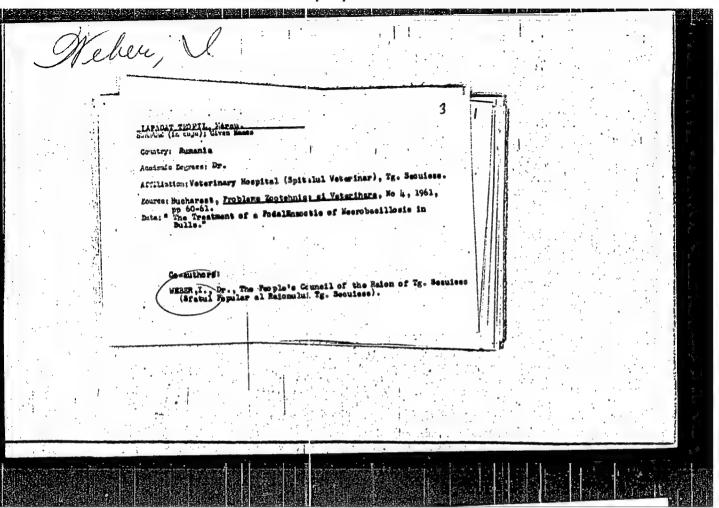


WENE, Ilja, MUDr

Sancer of the cervix uteri in Soviet literature. Lek. listy 9
no.14:332-333 Jl '54.

1. Z II. Forodnicko gynekologicke kliniky, prednosta prof.
Dr Horalek.
(CENVIK, UTERIES, reoplasse,
*review, Pussia)

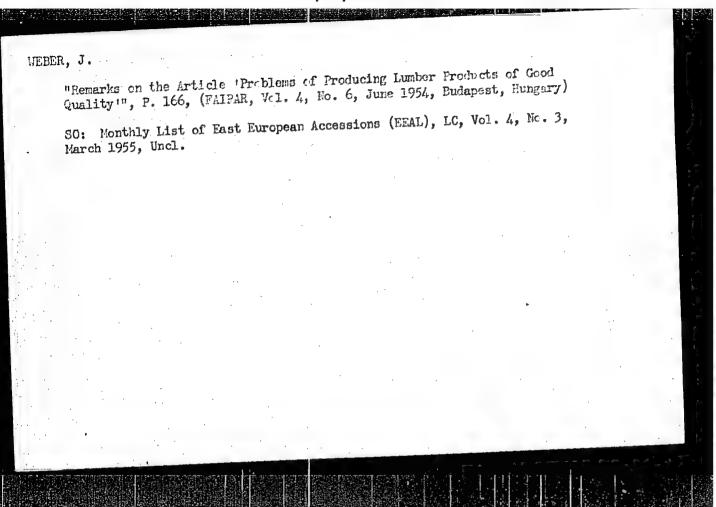
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WEBER, Istvan

Experiences gained in processing fur materials. Bor cipo 10 no.2:50-52 Mr '60.

1. Szegedi Szorme- es Borruhakeszito Vallalat.



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HORVATH, Z., doctor of eng.sc.; MEHER, J.

The Parkes process with winc addition in two stages granting minimum zinc consumption. Acta techn Hung 40 no.3/4:263-284 162.

1. Metallurgical Department of the University for Heavy Industry, Miskolc.

WEBER, J. ; KOUTECKY, J.

Kinetics of electrode processis. XV. Tables for calculating polarographic currents due to depolarization processes involving preceding or consecutive rapid monomolecular chemical reactions. p. 562

CHEMICKE LISTY (Ceskoslovenska akademic ved. Ceskaslovenska spolecnost chemicka) Praha, Czechoslovakia. Vol. 49, no. 4, Apr. 1955

Monthly List of East European Accessions (EEAI) IC. Vol. 9, no. 1/1960 Uncl.

COUNTRY : Czechoslovakia B-12

CATEGORY : Physical Chemistry -- Electrochemistry.

ABS, JOUR.: RZKhim., Ro. 14 1959, No. 48900

AUTHOR : Heber, J.: Kuta, J. and Smoler, I.

TUST. : Not given
TITLE: Instantaneous Polarographic Currents. I.

TITLE : Instantaneous Foldrographic Currents. 1.

Ciffusion-Limited Currents and Currents Limited

by Slow Electrode Reactions. II. Investiga

ORIG. PUB.: Chem Listy, 52, No 7, 1249-1258; 1259-1266 (1958)

ABSTRACT : 1. Instantaneous polarographic currents and

their time dependence are more suitable for use in the quantitative analysis of the kinetics of electrode processes than the average polarographic currents recorded by the classic polarographs. The author discusses a number of expressions which can be used for the representation of some types of instantaneous polarographic currents, taking into account spherical diffu-

sion (SD). For a reversible redox system in

CARD: 1/9 ** tion of Current-Time Curves at Various Half-Wave Potentials for Reversible and Irreversible

Processes.

B-1. COUNTRY : Czechoslovakia CATEGORY : RZKhim., No. 14 1959, No. 48900. ABS. JOUR. ROHTUA IMST. TITLE ORIG. PUB. : : which the product of the electrode reaction dif-ABSTRACT fuses back into the solution, the instantaneous current is higher than the current calculated by the Ilkovic equation at all values of the potential. Following correction for SD, the dependence of the instantaneous current on the time over the interval 1-6 sec is expressed by the relation $i = k \cdot t^{0.192}$ In the case of amalgam formation the current CARD:

COUNTRY : Czechoslovakia B-12

CATEGORY

ABS. JOUR. : AZKhim., No. 14 1959, No.

48900

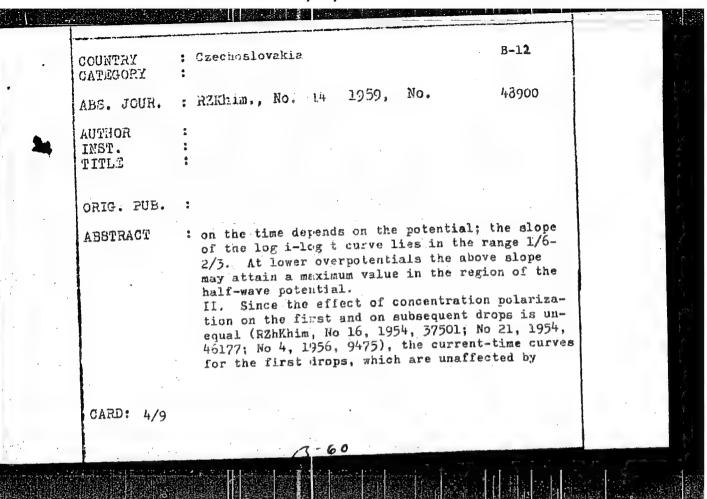
AUTHOR: INST. : TITLE:

orig. PUB. :

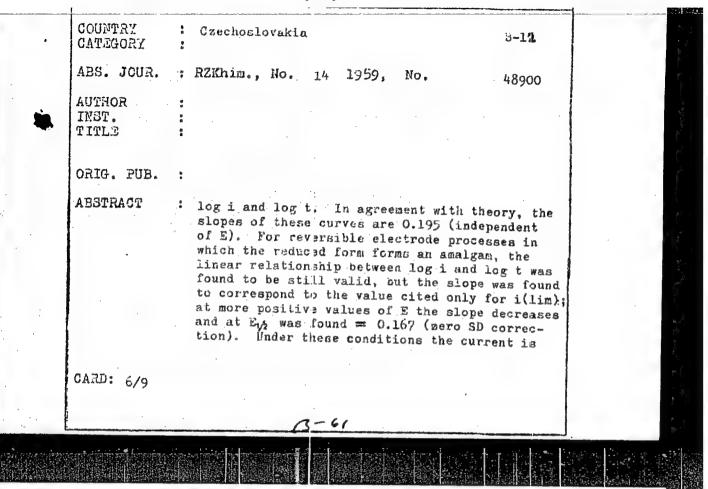
ABSTRACT : after the application of the SD correction is

increased when the potential is more negative than the normal potential and is decreased when the potential is more positive than the normal potential. This difference is due to the difference in the diffusion spaces of the reduced and the oxidized forms. If the electrode process proceeds slowly, the SD correction can be neglected in the first approximation; the character of the dependence of the depolarization current

CARD: 3/9



COUNTRY Czechoslovakia B-12 CATEGORY ; ABS. JOUR. : RZKhim., No. 14 1959, No. 48900 AUTHOR INST. TITLE ORIG. PUB. : ABSTRACT : preceding polarization, must be recorded. The recording of these curves must be carried out in solutions containing a depolarizer in conconcentrations of (3-5).10 M at potentials corresponding to the following i/i(lim) ratios: 0.75, 0.5, 0.25, and 0.1. For reversible systems, e.g., Fe(II) - Fe(III) and Ti(III)-Ti(IV), in the presence of oxalate, and quinonehydroquinone in phosphate buffer at pH 6.8, the authors have found a linear dependence between CARD: 5/9



COUNTRY Czechoslovakia B-17L CATEGORY : ABS. JOUR. : AZKhim., Mo. 14 1959, No. 48900 AUTHOR INST. TITLE ORIG. PUB. : ABSTRACT : equal to that calculated by the Ilkovic equation. At even more positive values of E, the slope gradually decreases (negative SD correction). At such E, when i < 0.1 i(lim), the difference between the current-time curves for the first and the subsequent drops decreases. For irreversible electrode processes at high overvoltages the value of the parameter giving the parabolic dependence between i and t decreases uniformly from the foot of the wave CARD:

19 的 图 19 17 18 18 18 18 18 18 COUNTRY Czechoslovakia B-12 CATLGORY ABS. JOUR. : RZKhim., No. 34 1959, No. 48900 AUTHOR INST. TITLE ORIG. PUB. ABSTRACT : where it is 2/3) with increasing i and attains a value of 1/5.3 at i(lim). The dependence between log i and log t is linear only for values of i which are small compared to i(lim), in agreement with theory. At the foot of the wave the current is affected by the rate of the electrode reaction and at more negative E the rate of diffusion also exerts an effect. For irreversible electrode processes at low overpotentials, the value of the slope passes CARD: 8/9

COUNTRY : Czechoslovakia B-12 CATEGORY : ABS. JOUR.: RZKhim., No. 14 1959, No. 48900 AUTHOR INST. TIPLE ORIG. PUB. : : through a maximum as i increases. Examples dis-ABSTRACT cussed are the reduction of Zn(2+) against a background of Na 30, and the reduction of Eu(3+) against a background of NaClO, and NaCl. Motals of the Fe group exhibit anomalous current-time curves. P. Zuman CARD: 9/9

AUTHOR:

Weber, Jan

C Z/8-52(82)-10-8/39

TITLE:

Polarographic Currents in the Case of Periodically Alternating Voltages (Polarografické proudy při periodicky proměnném napětí). Part II. Theory of Currents in the Case of Regeneration of the Depolariser by Chemical Reaction in the Solution (II. Teorie proudu při regeneraci depolarisatoru chemickou reakci v roztoku)

PERIODICAL: Chemicke Listy, 1958, Vol 52(82), Nr 10, pp 1888-1898 (Czechosl) ABSTRACT: This is a continuation of work published by another author, J. Koutecký (Chem.listy, Vol 49, p 1454, 1955: Collection, Vol 21, p 433, 1956). Calculation of the current fed into a perfectly electro-active system of redox, the oxidised and reduced components of which pass into solution as a result of a pseudo-monomolecular reaction, is one of the simplest problems in the theory of polarographic currents in the case of applying a voltage which is variable with time. Its solution provides a possibility of calculation of the kinetic currents, even in the case of an applied voltage which varies periodically, and could be used as a theoretical basis for experimental investigation of chemical reactions which lead to repeated regeneration of the depolariser. Polarisation by a periodically varying voltage permits investigating the entire system under experimental conditions which differ from those pertaining to polarography with a constant voltage and it may also contribute to Cardl 2 complicated chemical reactions involved in these

Polarographic Currents in the Case of Periodically Alternating Voltages.
Part II. Theory of Currents in the Case of Regeneration of the Depolariser by Chemical Reaction in the Solution

In this paper, formulae are derived for the instantaneous processes. current corresponding to the electrode reaction in the case that the reaction product is regenerated to the original depolariser by a chemical reaction in the solution. The calculations are made for depolarisation currents of an ideally reversible redox system for plane stationary spherical and increasing drop electrodes with any time characteristic of the applied potential. The general formulae were specially adapted for a potential with a periodically squaretopped shape and the characteristic of the dependence of the instantaneous current on time for some simpler cases is calculated. instantaneous and the average current after establishment of the stationary state are calculated. Acknowledgments are made to Dr. J. Koutecky for his interest in the work and M. Cejkova for carrying out some of the numerical calculations. There are 2 figures and 1 table and 11 references, 4 of which are Czech, 5 English, 2 German. ASSOCIATION Ústav fysikální chemie, Československá akademie věd, Praha (Institute of Physical Chemistry, Czechsl. Ac.Sc., Prague)

Card 2/2

	COUNTRY Czechoslovakia 8-12 CATEGORY :
	AES, JCUR. : RZKhim., No. 5-1950, No. 17167
	AUTHOR : Neber, J. INST. : Not given TITLE : Polarographic Currents with Periodically Varying Fotentials. I. Theoretical Relations for the Current During the Regeneration of the Depolarizer ORIG. PUB. : Collection Czechoslov Chem Commun, No 6, 1770-1782
	(1959)
	ABSTRACT : See RZhKhim, 1959, No 25, 61546
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	CARD: 1/1 by Chemical Reactions in the Solution.

CATECORY	? Czechoslovakia B-12								
ABS. JOUR.	RZKhime, No. 5 1960, No. 17166	, k							
AUTHOR INST. TOTLE ORIG. PUB. ABSTRACT	Not given Instantaneous Polarographic Currents. I. Diffusion-Limited Currents and Currents Limited by Slow Electrode Reactions. II. Investigation of Uzechoslov Chem Commun, 24, No 5, 1424-1455; No 7, 2203-2220 (1959) See RZhKhim, 1959, No 14, 48900.								
		e i							
CAPD: 1/1	the Curves Expressing the Dependence of the Current on the Time at Various Potentials of the Polaro- graphic Wave for Reversible and Irreversible Pro- cesses.	Land of the control o							

WEEER, J.

"Instantaneous polarographic currents." I. Currents governed by diffusion and currents governed by slow-electrode reaction. In German. p. 1424.

COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, Praha, Czech. Vol. 24, No. 5, May 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6, Sept, 59 Unclassified

(ERAI 9:5)

Polarographic currents at periodically varying potential. II. Calculation of stationary currents with rectangular pattern of the polarizing potential. In German. Coll.Cz.Chem. 24 no.9:3041-3045

S 159.

1. Institut fur physikalische Chemie, Tschechoslovakische Akademie der Wissenschaften, Prag.

(Polarograph and polarography) (Electric currents)

KOUTECKY, J.; WEBER, J.

The theory of polarographic currents affected by the adsorption of electro-inactive substances in a reversible electrode reaction. Coll Cz Chem 25 no.5:11:23-1426 My '60.

1. Institut für physikulische Chemie, Tschechoslowakische Akademie der Wissenschaften, Prag.

Effect of absorbable substances on polarographic currents. V.Instantaneous and delayed currents in the presence of charged and uncharged surface-active substances undergoing slow adsorption. Coll Cs Chem 25 no.12:2993-3003 D 160. (EEAI 10:9)

1. Institut für physikalische Chemie, Tschechoslowakische Akademie der Wissenschaften, Prago

(Polarograph and polarography) (Surface-active substances)
(Adsorption)

VAGUNDA, Simon; REZAC, Milos; WEBER, Jaromir

Gastric cancer in a 12-year-old boy. Cesk.pediat.15 no.10:913-916 0'160.

1. Patologicko-anatomicks oddeleni, prednosta prim.dr. S.Vagunda Centralni rig oddeleni, prednosta prim.dr. E. Sanda. Chirurgicks oddeleni, prednosta prim.dr. Fr. Kudlac. (STOMACH MEOPLASMS in inf & child)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961510014-3"

Pa-5/Pa-L (Pq-L/Pac-L/Pac-2 CW/GS UR/0000/63/000/000/0132/0142 EWG(v)/EWI(1) L 43542-65 ACCESSION NR: AT5009182 AUTHOR: Zverev, M.S. (Corresponding member AN SSSR); Hemiro, A.A. TITLE: Observation program of the Solitat astrometric expedition to the solithern SOURCE: Astrometricheskaya konfere tsiya SSSR. 15th, Pulkovo, 1960. Trudy, Mescow, hemisphere Izd-vo AN SSSR, 1963, 132-142 TOPIC TAGS: astrometry, meridian observation, astrograph, star catalogue, fundamental star, reference star, astronomical instrument ABSTRACT: The problems involved in compiling a Catalogus of Faint Stars are discussed in detail, particularly the necessity of making the necessary observations in the southern hemisphere. The work already done by southern hemisphere observatories is discussed, nemisphere. The work affects done by southern nemisphere observatories is cuscustive, as are the repeated resolutions passes at successive international Astronomical Union as are the repeated resolutions passes at successive international Astronomical Union of south astronomers, calling for an expansion congresses, often on the recommendation of Soviet astronomers, calling for an expansion congresses, often on the recommendation of such a catalogue require observatories of such observatories (the principles of compilation of such a catalogue require observatories). As a result tions of each star, galaxy and minorplanel at not less than 3 observatories). of an agreement reached between the Soviet Academy of Sciences and the Chilean government after a visit of the Rector of Santiago University to the Soviet Union in the

Spring of 1960, an astrometric expedition is to be sent to Cerro Calan Observatory in Chile; specialists from the Pulkovskey. Observatoriya (Pulkovo Observatory) will work there in close collaboration with Chilean astrometrics. The following work will be done in the field of meridian astrometrics. The following work will be ascensions of bright and faint fundament ascensions of bright and faint fundament.

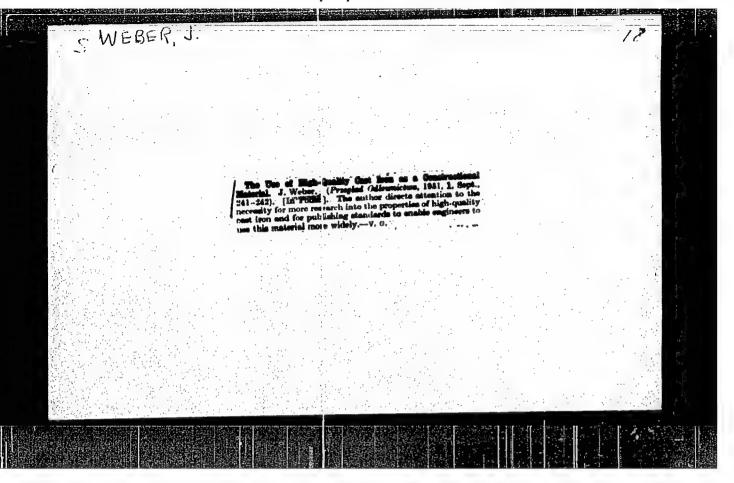
3. Observations of the sun and major using a large transit instrument and a the system of right ascensions of stars instrument with a broken telescope. In the northern and southern sity using a transit instrument with a broken telescope. In the northern and southern sity using a transit instrument which is to be employed. In the northern and southern sity using a transit instrument which is to be employed. About 11,500 faint reference stars and meridian instrument available at Cerry and the meridian circle will be used in cheerving the meridian instrument available at Cerry and with 4' graduations. Plans call diameter of 19 cm., a circle 75 cm in for a double-meniscus (Maksutov) ast southern galaxies. Orig. art. has: 1 table.

Card 2/3 Length Coulons.

ZVEREV, M.S.

Photographic method of determining the corrections to all the diameters of a divided circle. Astron. zhur. 41 no.6:1128-1137 N-D '64

1. Glavnaya astronomicheskaya observatoriya AN SSSR.



Computation of the Low vity of water and of the activity coefficient in the Na OH-H2O-system. p. 564.															
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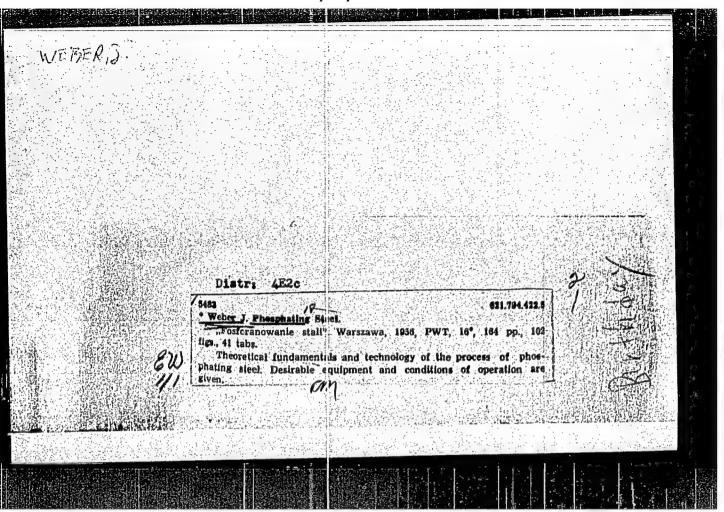
WEBER, Jozsef, okleveles femkohomernok

Calculation of the activity and activity coefficient of water in the NaOH-H₂O system. Koh lap 9 no. 12: 564-576 D'54.

1: Femkohaszati Tanszek.

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WEBER, J.

Conditions of equilibrium of the magnesium oxide system. p.174. (Mohaszati Lapok. Budapest, Vol. 11, no. 4, Apr. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC., Vol. 6, no. 7, July 1957 Uncl.

B

WEBER, J.

HUNGARY / Physical Chemistry. Thermodynamics.
Thermochemistry. Equilibrium. Physical

Chemical Analysis. Phase Transitions.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 63663

Author : Weber Jozsef

Inst : Not given
Title : Why the Temperature Coefficient of the Thermo-

dynamic Normal Potential of the Reaction of the Formation of Carbon Monoxides Differs From Coefficients Belonging to Reactions of Metal

Oxides.

Orig Pub: Kohasz. lapok, 1957, 12, No 3, 105-108

Abstract: A thermodynamic normal potential of the reaction

Card 1/5

HUNGARY / Physical Chemistry. Thermodynamics.
Thermochemistry. Equilibrium. Physical
Chemical Analysis. Phase Transitions.

В

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 63663

Abstract: 2C+02=2CO (I), in contrast to the reaction of the formation of metal oxides, will become more negative with an increase of temperature, from which it follows that the equilibrium constant K must increase with the temperature. However, this contradicts Le-Shatel'ye's principle, since the reaction is exothermic. The author explains this contradiction on the basis of an analysis of data concerning the equation for the dependence of molecular heat on the temperature under gradual pressure, for the enthalphy and entropy of the formation of reaction components under standard conditions, for molecular heat, for the enthalpy and entropy of reaction,

Card 2/5

5

HUNGARY / Physical Chemistry. Thermodynamics.
Thermochemistry. Equilibrium. Physical
Chemical Analysis. Phase Transitions.

В

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 63663

Abstract: as well as the dependence of the normal reaction potential on the temperature, and the dependence between the normal potential and lg K. From the latter dependence, it is clear that K and lg K are very large numbers, but, with an increase of temperature, they decrease sharply. This indicates an increase of the partial pressure of O2 due to the partial pressure of CO, in spite of the fact that the normal potential becomes more negative. The explanation of the contradiction consists of the following. The

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HUNGARY / Physical Chemistry. Thermodynamics.

Thermochemistry. Equilibrium. Physical

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Chemical Analysis. Phase Transitions.

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Abs. Jour: Ref Zhur-Khimiya, No 19, 1958, 63663

The entrickers supply

Abstract: entropy of reaction (I), in contrast to the

a large positive number. As a result of this, in the equation $\triangle G_T^O = \triangle H_T - T \triangle S_T T \triangle S_T = \triangle H_T$ at every

temperature, and with an increase in T, $\triangle G_T^O$

bedomes more negative. But in addition to this, the value K increases only under the condition

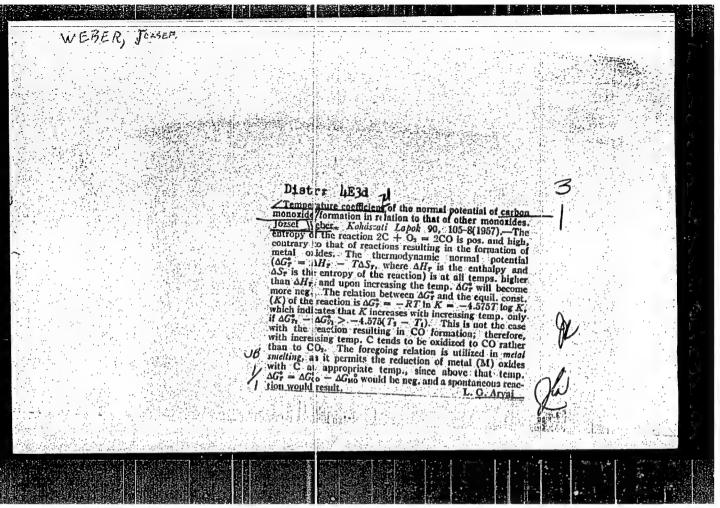
 $\Delta G_{T0}^{\circ} - \Delta G_{T_1}^{\circ} > -4.575(T_2-T_1)$ which, for the given

equation, is not achieved. But the increase of the negative value AGA lies in the fact that, with an increase of temperature, the carbon is

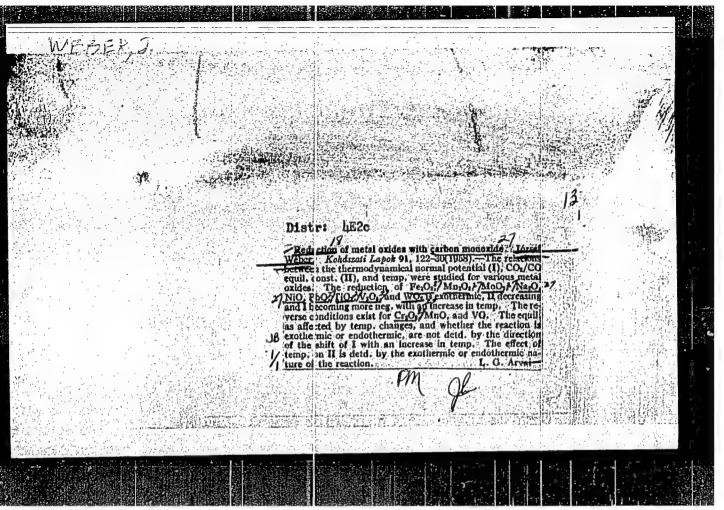
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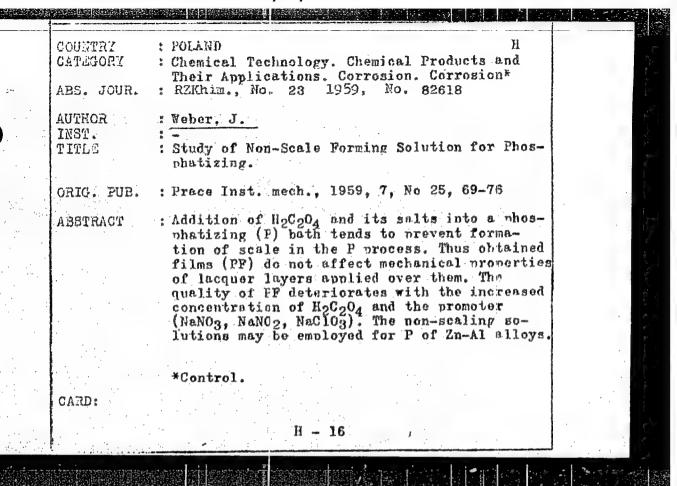
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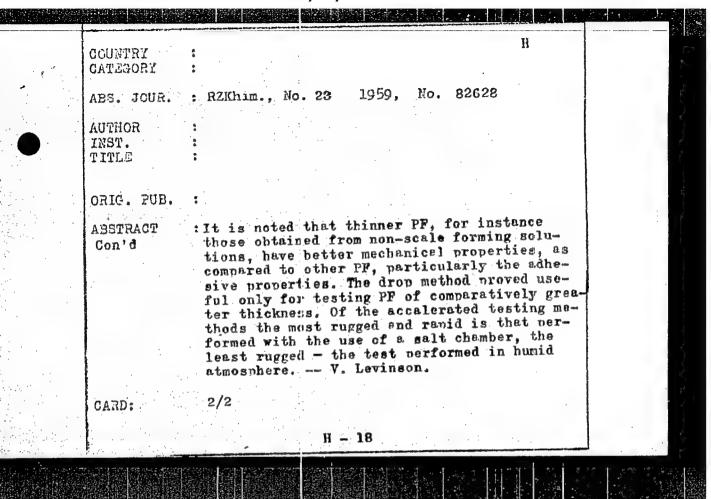
ABS. JOUR.: RZKhim., No. 23 1959, No. 82618

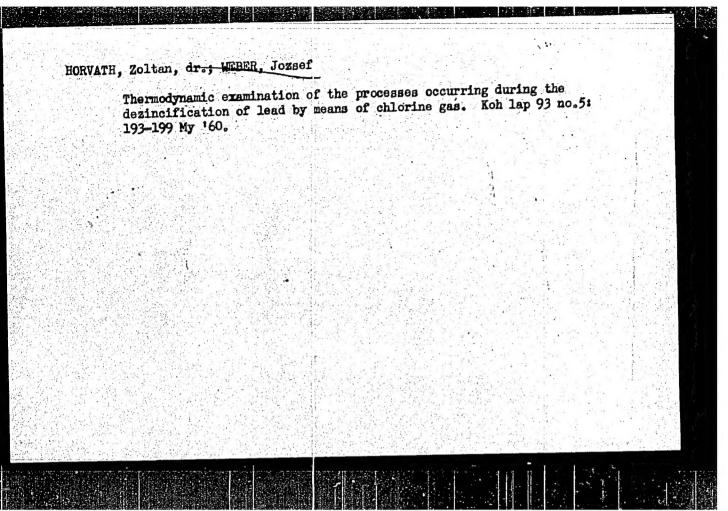
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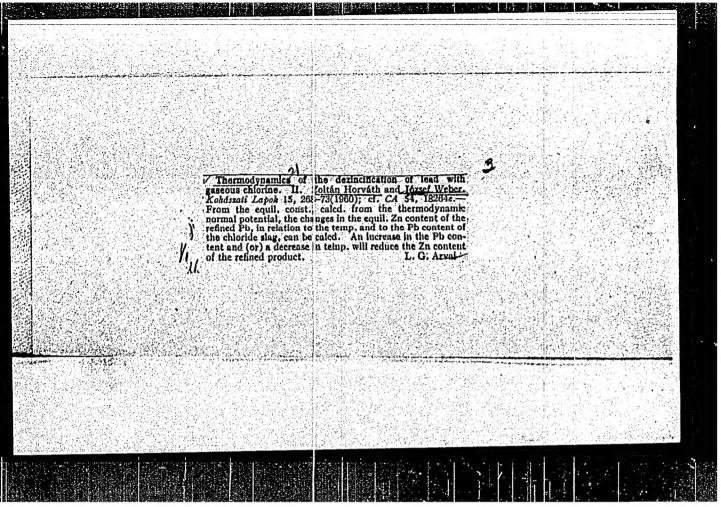
ABSTRACT: Such solutions are also applicable for P of Con'd Al. Corrosion resistance of PF obtained from non scaling solutions, particularly at elevated temperatures (500), is lower than of PF, obtained from common baths. -- V. Levinson.

COUNTRY Chemical Technology. Chemical Products and Their Applications. Corrosion, Corrosion * RZKhim., No. 23 1959, No.82628 CATEGORY ABS. JOUR. : : Biestek, T.; Web er, J. AUTHOR INST. : Accelerated Corrosion Tests of Phosphate TITLE Films on Steal ORIG. PUB. : Prace Inst. mech., 1959, 7, No 25, 77-85 The results of tests conducted with phosphste ABSTRACT films (PF) on steel, obtained from baths of different composition indicate that the corrosion resistance (CR) of PF, covered with protective lacquer layers, increases with increased PF thickness. Superior CR possess PF obtained from solutions of "Mazhef" or "Perkar 2" salts (ZnEPO₄ + HgPO₄ + Cu salt). PF, obtained from other, including the non-scale forming solutions, possess considerable lower CR. *Control. 1/2 CARD:

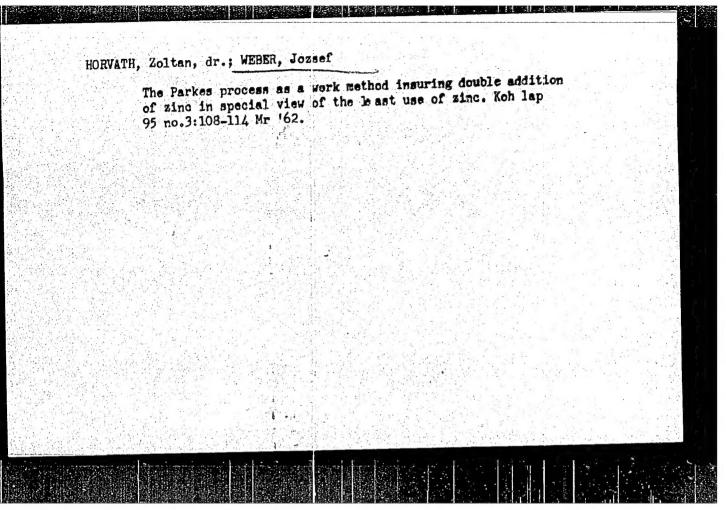




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HORVATH, Zoltan, dr.; WEBER, Josef

Determination of the working method ensuring the lowest zinc consumption in the Parkes process with residual foam recycling and single zinc addition. Koh lap 96 no.5:216-221 My 163.

1. Magyar Tudomanyos Akudemia Kohaszati Munkakozossege.